

Converting Colors

Hex(82A2B1)

Have a look what the booklet for
Hex(82A2B1) contains.

Hex(82A2B1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(82A2B1)

Conversions

Conversions Part 1

Format	Color
Hex	82A2B1
RGB	130, 162, 177
RGB Percent	51%, 64%, 69%
CMY	0.4902, 0.3647, 0.3059
CMYK	0.27, 0.08, 0.00, 0.31
HSL	199°, 23%, 60%
HSV	199°, 27%, 69%
XYZ	30.0621, 33.7608, 46.5270
YIQ	154.1420, -23.8870, -2.1190

Conversions

Conversions Part 2

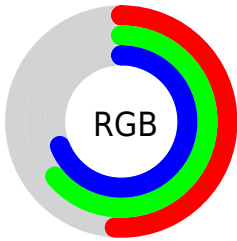
Format	Color
RYB	130, 149, 177
Decimal	8561329
CIELab	64.77, -7.49, -11.38
CIELCh	65, 13.623, 236.649
Yxy	33.7608, 0.2724, 0.3059
Android (android.graphics.Color)	4286751409 (0xFF82A2B1)
YUV	154.1420, 11.2690, -21.1725
Hunter-Lab	58.1041, -9.3292, -6.8038

Details

The Hex color **82A2B1** is a light color, and the websafe version is hex **669999**. A complement of this color would be **B19182**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **B8D9E9**, and **4F6E7C** is the 20% darker color. If you saturate the color by 10%, you get **709CB1**, and if you desaturate by 10%, it is **94A8B1**.

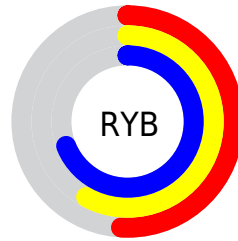
Distribution



Red (51%)

Green (64%)

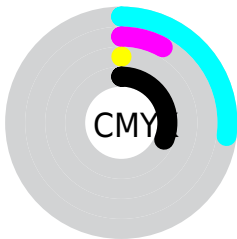
Blue (69%)



Red (51%)

Yellow (58%)

Blue (69%)

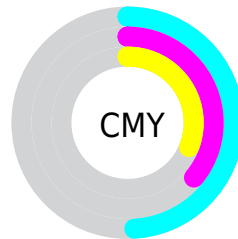


Cyan (27%)

Magenta (8%)

Yellow (0%)

Black (31%)



Cyan (49%)

Magenta (36%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82A2B1 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 82A2B1 by changing the saturation by 10% instead.

■ 82A2B1

■ 82A2B1

FFFFFF

■ 688896

■ B8D9E9

■ 4F6E7C

■ D4F5FF

■ 375664

■ F0FFFF

■ 1F3F4C

■ 052935

■ 001520

■ 000006

■ 000000

■ 82A2B1

■ 82A2B1

709CB1

94A8B1

5F97B1

A5ADB1

4D91B1

B7B3B1

3B8BB1

C9B9B1

2986B1

DABEB1

1880B1

ECC4B1

067AB1

FECAB1

0079B1

FFCFB1

FFD5B1

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



7EA4A8



82A2B1



8E9FB5

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82A2B1



B5959F



9BA087

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



82A2B1



B19182

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



A89C85



82A2B1



B79593

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82A2B1



AC97AB



B29889



8DA38F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82A2B1



999CB4



B29889



A09E86

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82A2B1



D3E0E6



82B191



676F73



F2F2F2



737373

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



82A2B1



9CCEE6



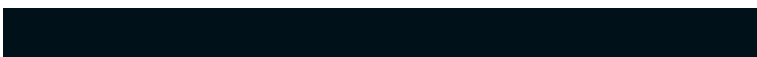
828BB1



505659



006899



00111A

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



B182A2



E69CCE



B1A882



595056



990068



1A0011

Previews

White Background



This preview shows how the Hex color 82A2B1 looks on a white background.

Color Contrast Check

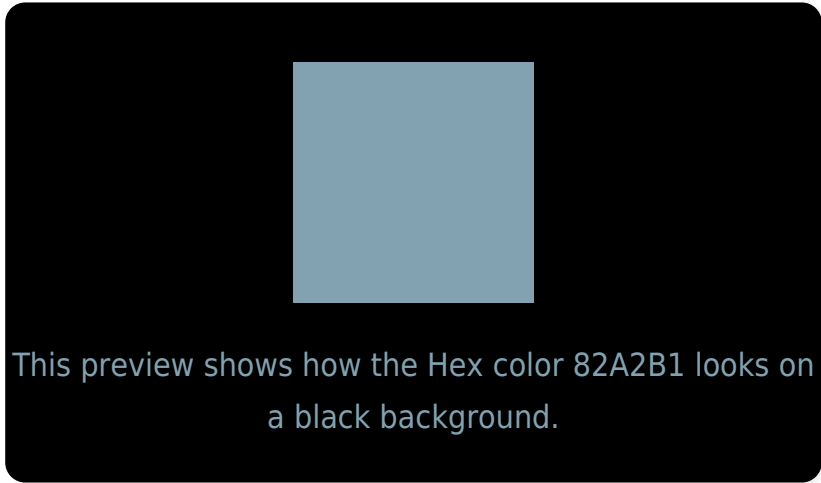
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

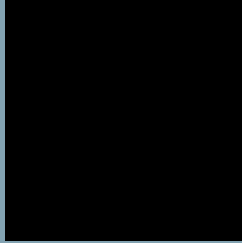
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

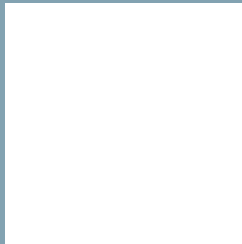
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 82A2B1 Background



This preview shows how black text looks on a background with the Hex color 82A2B1.



This preview shows how white text looks on a background with the Hex color 82A2B1.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

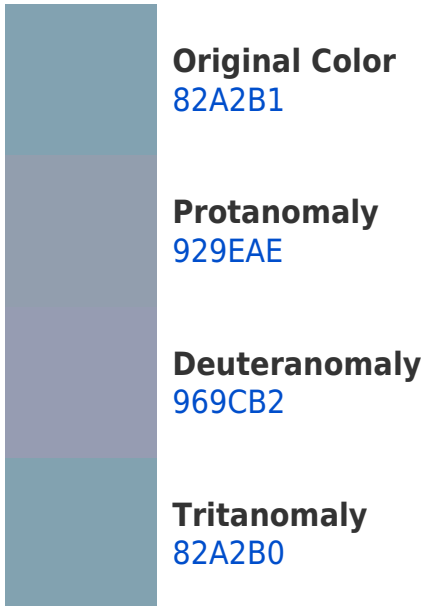
Dichromacy



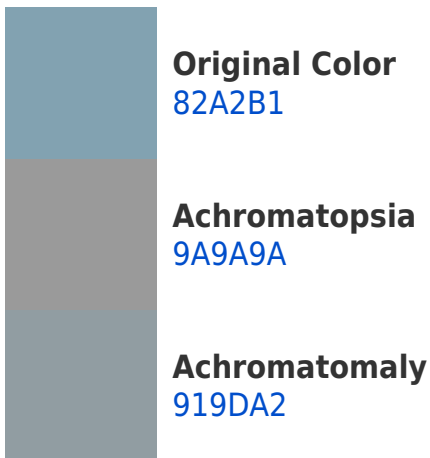


Tritanopia
82A2AF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 82A2B1 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #82A2B1 looks like.

```
.text, #text, p{  
    color:#82A2B1  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #82A2B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82A2B1
}
```

Border

The CSS property to change the border of an element to Hex 82A2B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#82A2B1 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#82A2B1 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #82A2B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82A2B1; -webkit-box-shadow:4px 4px  
4px 4px #82A2B1; box-shadow:4px 4px 4px  
4px #82A2B1 }
```

Background

The CSS property to change the background color of an element to Hex 82A2B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82A2B1 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#82A2B1 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor